Osteoblasts ...G63 **HBPC Spheroids** Microspicules Osteonectin Masson's stain Type I Collagen **Alkaline Phosphatase** Alizarin Red

FIG. 1

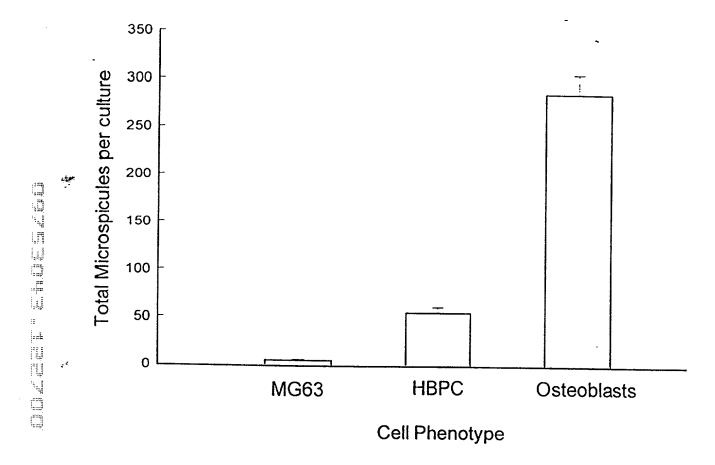


FIG. 2

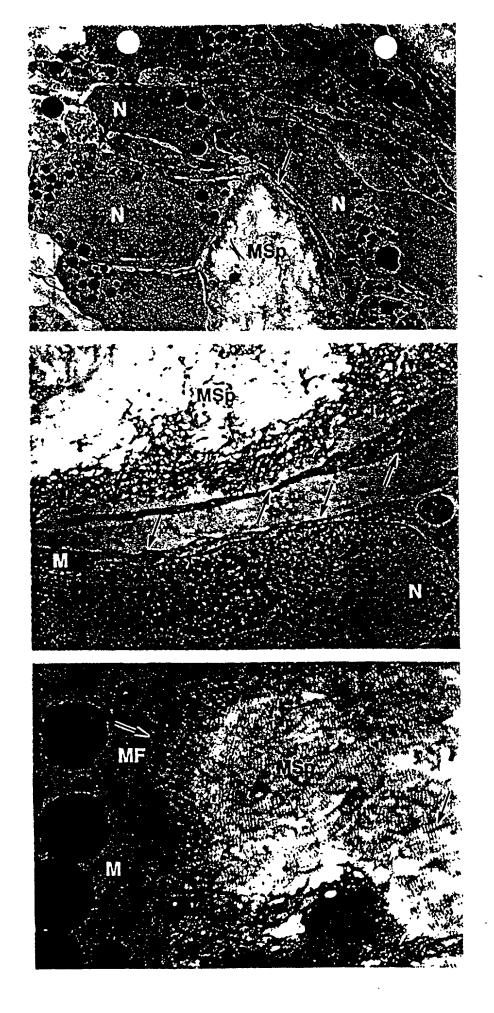


FIG. 3

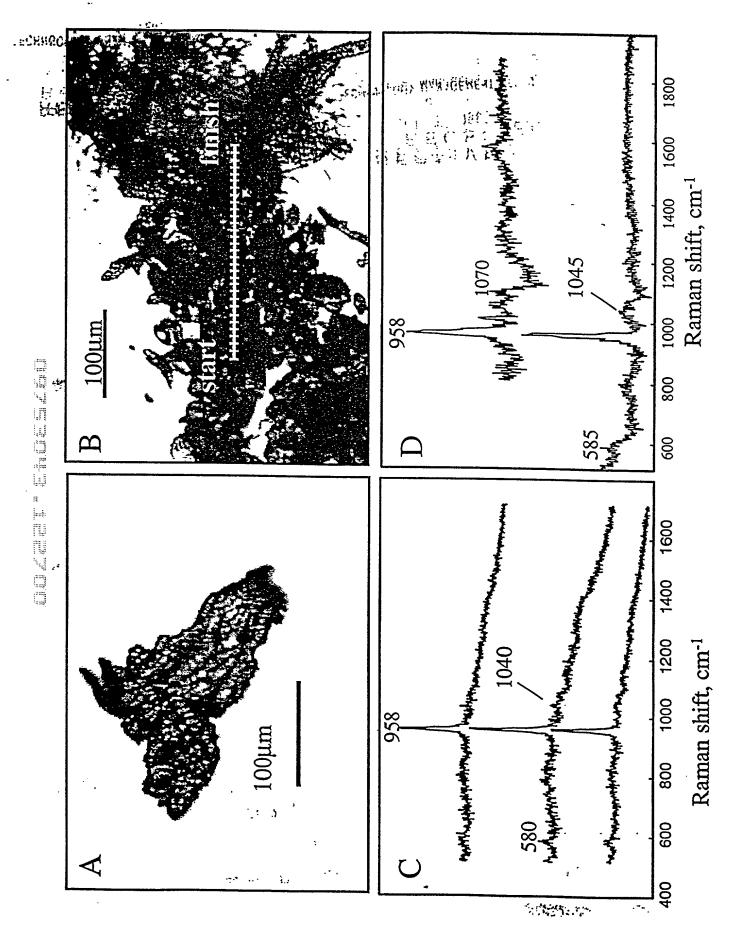
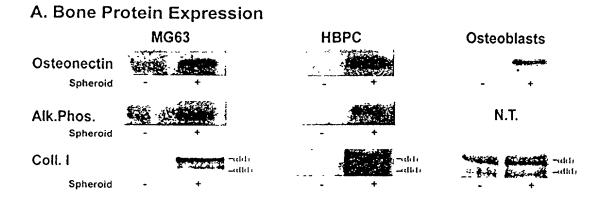
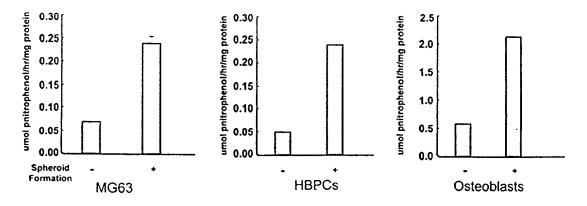
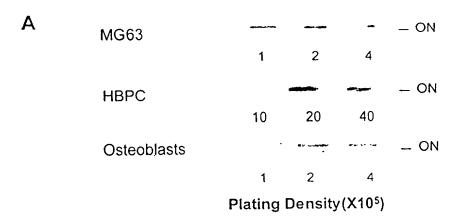


FIG 4

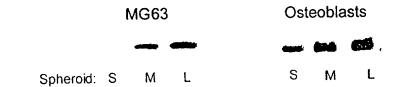


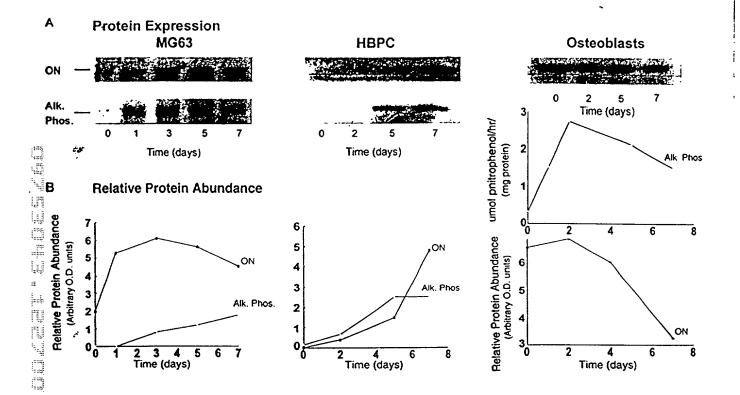
B. Alkaline Phosphatase Enzymatic Activity

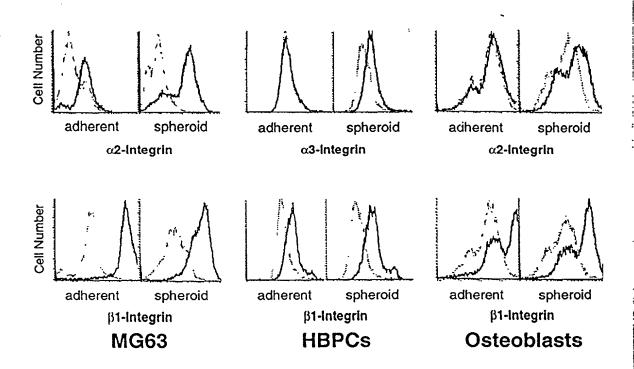




B Osteonectin







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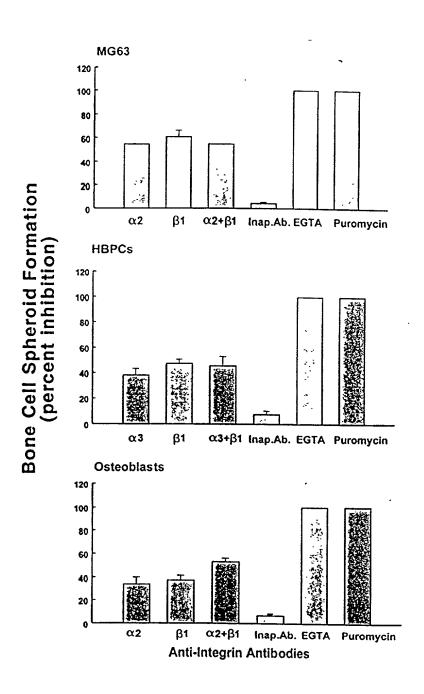


FIG. 9

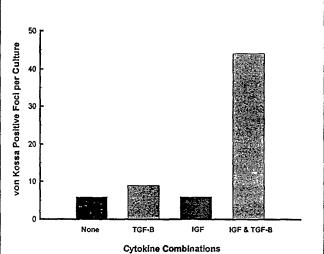


Figure 10.TGF- β and IGF Act Synergistically During Osteogenesis. Using a murine culture system von Kossa positive microspicules were quantified in the presence of bone-active cytokines. TGF- β , Transforming growth factor β 1, IGF, Insulin-like growth factor.